



# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
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Calcutta, the 3rd July 1993

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## पेटेंट कार्यालय

## एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 3 जुलाई 1993

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, विल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं —

पेटेंट कार्यालय शाखा, छोटी इस्टेट,  
तीसरा तल, लोअर परबेल (पश्चिम),  
जम्मा 400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा  
दीय एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
एकड़ में 401 से 405, तीसरा तल,  
कार्यालय बाजार भवन,  
मन्मथी मार्ग, कराल बाग,  
नई दिल्ली-110005 ।

गिरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,  
पञ्जाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र चंडीगढ़ तथा विल्ली ।

तार पता—“पेटेंटोफिक”

पेटेंट कार्यालय शाखा,  
61, बालाजाह रोड,  
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,  
मिन्निकाय तथा एमिनिदिवि द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),  
विनायक एडवेंचर्स, द्वितीय बहुतलीय कार्यालय,  
भवन 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020 ।

भारत का अग्रशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपे-  
क्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट  
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा  
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा  
आक आवेद या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान  
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट  
अथवा चेक द्वारा की जा सकती है ।

Calcutta, 3rd July 1993

APPLICATION FOR PATENTS FILED AT THE HEAD  
OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-20.

The date shown in the crescent branch are the dates claimed  
under section 135, of the Patent Act, 1970.

19th May, 1993

283/Cal/93 : Wavin Ag. Electrically Weldable, Thermo-  
plastic Joining element

21st May, 1993

284/Cal/93 : The Commonwealth of Australia. Radio  
Communication Modem.

285/Cal/93 : The Commonwealth of Australia. Optimum  
Estimation of Data and Parameters for commu-  
nication systems operating in arbitrary noise  
distortion environments.

24th May, 1993

286/Cal/93 : Stone & Webster Engineering Corporation.  
Lined reformer tubes for high pressure reformer  
reactors.

25th May, 1993

287/Cal/93 : Sulakshana Sharma, Improved Bunber roofing.

288/Cal/93 : Hogan AB. Calcium Fluoride Powder.

289/Cal/93 : Hogan AB. Powder Composition Including  
Calcium and Barium Fluorides.

290/Cal/93 : General Electric Company. Process.

291/Cal/93 : Conoco Inc. Process for producing solvated  
mesophase pitch and carbon artifacts therefrom.

26th May, 1993

292/Cal/93 : Kortec Ag. Process and Apparatus for heating  
and melting sponge iron in lump form.

## COMPLETE SPECIFICATIONS ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month apply for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form 15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each application are according to Indian Classification and International Classification.

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## स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकरक्ष की उपयुक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तरराष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl : 56F.

172361

Int. Cl. : C10G, 35/04, 35/06, 35/085, 35/095.

## AN IMPROVED REFORMING PROCESS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi-110001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).

Inventors : SUBRAMANIAN SIVASANKAR and PAUL RATNASAMY.

Patent No. : 222/DEL/88 filed on 21st

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

## (CLAIMS 10)

An improved reforming process which comprises contacting a hydrocarbon feedstock such as herein described in a reaction vessel with hydrogen in the range of 1 to 10 moles of hydrogen per mole of hydrocarbon characterised in that the reaction is carried out in presence of catalyst composite material, the said catalyst composite material having pore size of form 3 to 7 angstroms and consisting of mixtures of alumina, one or two noble metals and a crystalline metallosilicate of general composition

$0.0.4 \text{ Na}_2\text{O} : \text{M}_2\text{O}_3 : 30-300 \text{ SiO}_2 : 0-10 \text{ H}_2\text{O}$

wherein M is iron, lanthanum, boron or mixtures thereof at a temperature between 400 to 500°C pressure between 100 to 300 pounds per square inch and weight hourly space velocity between 0.5 to 20 unit weight of hydrocarbon per unit weight of the catalyst.

(Complete Specification 19 pages)

Ind. Cl. : 68 D [LXII].

172362

Int. Cl.\* : H 01 H 85/00.

## CURRENT-LIMITING FUSE.

Applicant(s) : HYDRO-QUEBEC, a state-owned company belonging to the Province of Quebec, of 75 West, Dorchester Boulevard, Montreal, Quebec, Canada H2Z 1A4.

Inventor(s) : VOJISLAV NARANCIC and GILLES FECTEAU.

Application for Patent No. 226 DEL 88 filed on 21st March, 1988. Convention date 20-03-1987/532649/Canada.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

## (CLAIMS 23)

A current-limiting fuse comprising :

a fusible element (1) for conducting an electric current (I) and to melt and which melts thereby interrupting said electric current when the same reaches a predetermined value, melting

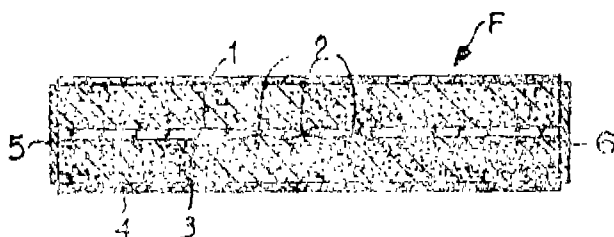
of said element producing an electric arc at a high temperature;

— an arc-quenching body surrounding the fusible element (1); and

— a pair of terminals (5, 6) mounted on said arc-quenching body interconnected together through the fusible element, and providing for connection of the fusible element (1) in an electric circuit to be protected against an overcurrent, characterized in that

— said arc-quenching body consists of an envelope (3) made of non-porous rigid ceramic and closely surrounds the fusible element (1), said ceramic having a high dielectric resistivity at the high temperature of an electric arc produced within the envelope (3) upon melting of said fusible element (1), as well as a high resistance to shocks of internal pressure and high temperature caused by the production of said electric arc.

FIG. 1



(Complete Specifications 26 page. Drawings 6 Sheets)

Ind. Cl. : 164 AC [II (3)]

172363

Int. Cl. : C02F 3/00, 3/06, 3/22.

#### APPARATUS FOR DEWATERING WET MIXTURE.

Applicant : MEI TAI CO. LTD., A COMPANY ORGANISED UNDER THE LAWS OF THE REPUBLIC OF CHINA, OF 4F, NO. 25, TUN HUA S. ROAD, TAIPEI, TAIWAN, REPUBLIC OF CHINA.

Inventor : HAJO NIEMZIG.

Application for Patent No. 230/Del/88 filed on 22nd March, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

#### 9 Claims

An apparatus for dewatering wet mixture as herein defined comprising :

a frame (11);

a primary roll (12) journaled for rotation on said frame (11);

a plurality of belt loading rolls (13) mounted for rotation on said frame and parallel to said primary roll (12);

a first endless filter belt (15) encircling a portion of primary roll (12) through the arc of belt contact and said belt loading rolls (13) therebetween;

a second endless filter belt (16) encircling a portion of said primary roll (12) in face-to-face relationship with said first filter belt (15) and to thereafter pass therewith between said primary roll (12) and said belt loading rolls (13);

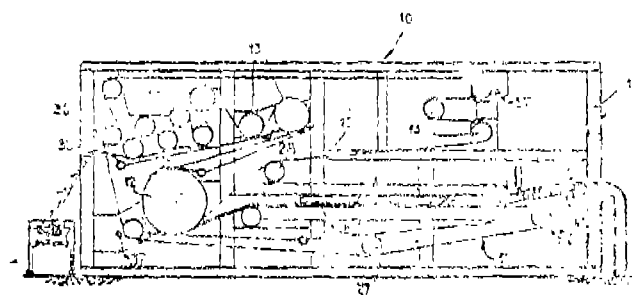
baffle means (18 (19, 21, 22) for intensifying a gravity effect and providing an evenly distributed flow of the wet mixture, said baffle means being disposed above a horizontal drainage section (A) on said first filter belt (15) located before said primary roll (12);

at least one pair of idler rolls (14) being journaled and positioned to guide said endless filter belts (15, 16);

belt-aligning means (20, 27, 28, 29, 31) in conjunction with said idler rolls (13) for guiding said filter belts (15, 16) in their travel; and

belt-cleaning means (37) for washing said filter belts (15, 16) being disposed adjacent said filter belts (15, 16).

FIG. 1



(Complete specification 17 pages. Drawing sheets Thirteen)

Ind. Cl. : 11C

172364

Int. Cl. : C12M 3/00

#### AN INTEGUMENT FOR THE PRESERVATION OF ORGANIC MATERIAL.

Applicant(s) : AGRISTAR, INC., OF 289 LEZAK ROAD SEALY, TEXAS 77474 U.S.A. (A CORPORATION EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A.).

Inventor(s) : MALCOLM GLEN KERTZ.

Application for Patent No. 245/Del/88 filed on 25 Mar 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

#### 7 Claims

An integument for the preservation of organic material, comprising;

a cellule for enclosing the organic material and sealing the organic material from biological contaminants in the ambient environment, said cellule being a high density polyethylene membrane having a molecular structure with interstices smaller than the size of a virus, preferably, not greater than 0.01 micrometers in size and comprising at least one chamber having an aperture for receiving the organic material, said aperture having closure means for closing said chamber after said chamber receives the organic material.

(Complete specification 45 pages.

Drawing sheets 3

Ind. Cl. : 80 K.

172365

Int. Cl.<sup>4</sup> : B23 Q11/W.**AN OIL FILTER ASSEMBLY.**

Applicant : PUROLATOR INDIA LIMITED, AN INDIAN COMPANY OF 1, SRI AUROBINDO MARG, NEW DELHI-110 016, INDIA.

Inventor : YADUVANSH KUMAR MATHUR.

Application for Patent No. 246 DEL filed on 25 Mar 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

**(Claims 6)**

An oil filter assembly comprising a housing in the form of an outer bowl 2 provided with an opening (2a) such that said opening (2a) being closed by a cover assembly (3) a filter insert assembly (4) being disposed within said bowl (2) a sealing ring provided between outer bowl and said cover assembly, characterized in that said cover assembly (3) comprises a retainer (15) and a cover plate (16) being secured to each other by crimping means consisting of plurality of radially extending tongues (17) spaced from each other being provided with said retainer (15) said tongues (17) engaging within slots (18) provided symmetrically in the said cover plate (16) for holding said cover plate (16) therewith.

(Complete Specification 8 pages drawing 2 sheets.)

Ind. Cl. : 32F<sub>2</sub>C.

172366.

Int. Cl.<sup>4</sup> B017 23/56, 23/58 C07C 29/15, 31/04.**PROCESS FOR THE PRODUCTION OF METHANOL.**

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V., A NETHERLANDS COMPANY, OF CAREL VAN BYLANDTILAN 30, 2595 HR THE HAGUE, THE NETHERLANDS.

Inventor : EIT DRENT, WILLEM WABE JAGER and SWAN TIONG SIE.

Application for Patent No. 259 DEL 88 filed on 30 Mar 1988.

Convention date 29 April 1987/8710172/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

**(Claims 5)**

A process for the production of methanol which process comprises contacting a gaseous mixture comprises carbon monoxide and hydrogen at a temperature in the range of from 30°C and a pressure in the range of from 5 to 100 bar with a catalytic system characterized in that said catalytic system comprises the reaction products of the combination of:

Component (a) : a nickel salt of a carboxylic acid having a pK<sub>a</sub>, measured in aqueous solution at 25°C, of more than 4.76,

Component (b) : an alcohol such as herein described, and

Component (c) : a hydride of an alkali metal and/or a hydride of an alkaline earth metal.

(Complete Specification 11 pages).

Ind. Cl. : 15D.

172367

Int. Cl.<sup>4</sup> : F16C 39/04.**VERTICAL HYDRODYNAMIC THRUST AND GUIDE BEARING.**

Applicant : BHARAT HEAVY ELECTRICALS LIMITED, OF BHEL HOUSE, SIRI FORT, NEW DELHI-110049, AN INDIAN COMPANY.

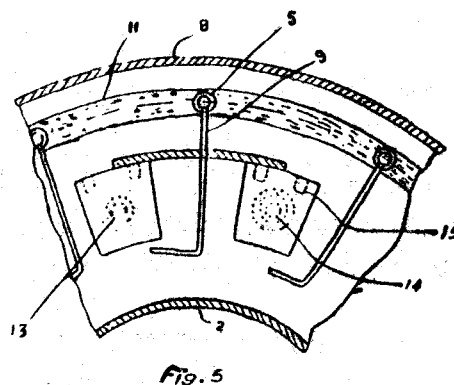
Inventor : NARASIMHAN SANTHANAM.

Application for Patent No. 267 DEL 88 filed on 04 Apr 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

**(Claims 4)**

An improved hydrodynamic thrust bearing having a plurality of segmental thrust pads (4) and guide pads (7) disposed in a circular manner on rigid supports with inter-pad (2) gaps with cooling means for cooling the pads, characterized in that said cooling means comprises a pressure chamber (11) to receive hot lubricant from the thrust coplar (1) and the runner (16) of the bearing, an accumulator (5) to receive the lubricant from said pressure chamber and adapted to cool the lubricant and to supply the same to the guide bearing pads (3), a water jacket provided around said accumulator for cooling the lubricant, and a pipe (7) leading from the accumulator to the inner peripheries of segmental pads (15) for delivering cooled lubricant.



(Complete Specification 17 pages drawing sheets 7).

Ind. Cl.: 32B+56G.

172368.

(Claims 9)

Int. Cl.: C06D 5/00, F23C 9/06, F23R 3/00 3/02.

**A PROCESS FOR THE PRODUCTION OF A HOT PRESSURISED GAS STREAM BY CATALYTIC PARTIAL COMBUSTION.**

Applicant: IMPERIAL CHEMICAL INDUSTRIES PLC., a British company, of Imperial Chemical House, Millbank, London SW1P 3JF, England.

Inventor: KIM PHILIP ALAN NOAKES, PETER JOHN DAVIDSON.

Application for Patent No. 375 Del 88 filed on 5 Mar 1988.

Convention date 13-4-1987/8708776/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 3)

A process for the production of a hot pressurised hydrogen containing gas stream from hydrocarbon feedstocks which comprises catalytically partially combusting and steam reforming a first gas stream containing at least one said hydrocarbon feedstock alongwith a second gas stream containing free oxygen in a conventional amount for effecting only a partial combustion of said first gas stream and steam mixed with at least one of said first or second gas streams, at a pressure in the range 2 to 70 bar abs., thereby producing a hot partially combusted and reformed hydrogen containing gas stream, characterised by providing a region, in communication with the hot product gas stream, that has a pressure below the pressure of the hot product gas stream so that a pressure differential is established between said first gas stream and said hot product gas, said low pressure region being provided by feed said first gas stream through a construction, at least a part of said hot product gas flowing into said low pressure region and mixing intimately with said first gas stream and thereafter, said mixture of said first gas stream and said hot product gas is fed for combustion separately from said second gas stream to produce said hot pressurised hydrogen containing gas.

(Complete specification 16 pages & drawing one sheet).

Ind. Cl.: 35B.

172369

Int. Cl.: C0B 7/32

**A DRY CEMENTITIOUS COMPOSITION.**

Applicant: FOSROC INTERNATIONAL LIMITED, A British Company, of 285 Long Acre, Nethells, Birmingham, United Kingdom, B 7 5JR.

Inventor: RODERICK MACDONALD SMART.

Application for Patent No. 276/Del/88 filed on 5 April 1988.

Convention date 8 April 1987/87.08429/U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

A dry cementitious composition to be mixed with water, the composition comprising an aluminous cement of the kind such as herein described and a calcium sulphate in a weight ratio of 3:7 to 4:1 relative to the aluminous cement and a lithium derivative of the kind such as herein described in a concentration of 0.1 to 1% by weight relative to the aluminous cement, wherein said composition also contains a water soluble fluoride such as herein described in a concentration of up to 10% by weight relative to the aluminous cement whereby when the dry composition is mixed with water in a weight ratio of water; solids of 1 to 4:1 the composition sets to form ettringite and early compressive strength is developed.

(Complete specification 21 pages).

Ind. Cl.: 40E

172370

Int. Cl.: B01D, 13/00.

**A PROCESS FOR MANUFACTURING A COMPOSITE MEMBRANE AND THE COMPOSITE MEMBRANE.**

Applicant(s): UNION CARBIDE CORPORATION, a corporation organised under the laws of the State of New York, United States of America, located at: Old Ridgebury Road, Danbury, State of Connecticut 06817, United States of America.

Inventor(s): BENJAMIN BIKSON.  
SALVATORE GIGLIA.  
GREGORY KHARAS.

Application for patent No. 288 Del 88. Filed on 7 Apr 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 20)

A process for manufacturing a composite membrane suitable for gas, pervaporation or prestructure separations comprising a separation layer that determines the separation characteristics of the membrane and a porous support layer, said separation layer containing imperfections therein, the process consisting essentially of

(a) contacting said separation layer with a volatile post-processing solution system comprising a volatile solvent such as herein described having essentially non-solvent or mild swelling characteristics with respect to the composite membrane materials, said solvent containing minute amounts of non-volatile additives such as herein described as it contacts and serving to plug said imperfections.

(b) evaporating said volatile solvent from the composite membrane, said minute amounts of additives remaining in and serving to plug said imperfections,

whereby the post-processing serves to effectively provide the separation layer of the composite membrane, enhancing the selectivity thereof and enabling advantageous combination of selectivity and permeability.

(Complete Specification 33 pages).

## PATENT SEALED

ON 04—06—1993

169374 170048\*D 170103\*F 170109 170129\* 170143  
 170165 170173 170174 170182 170204 170205 170219  
 170265 170268 170281\*D 170359 170360 170373 170375  
 170485\*D 170488 170489 170514 170644\* 170974 171276\*

Cal—05, Mas—13, Del—06

&amp;

Bom—03

\*Patent shall be deemed to be endorsed with the words  
 "LICENCE OF RIGHT" Under Section 87 of the  
 Patent Act, 1970 from the date of expiration of three  
 years from the date of sealing.

D—DRUG Patent, F—FOOD Patent

## AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that **ASTURIANA DE ZINC S.A.** a spanish company of Fortuny nº 18,—2º, 28010 **MADRID** Spain, have made an application under Section 57 of the Patents Act, 1970, for amendment of Application and Specification of their application for Patent. No. 171952 for **PROCESS FOR THE RECOVERY OF GERMANIUM FROM SOLUTIONS THAT CONTAIN IT.**

The amendments are by way of correction. The application for amendments and the proceed amendments can be inspected free of charge at the Patent Office Branch, 61, Wallajah Road, Madras-600 002, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on the prescribed Form-30 within 3 months from the date of the Notification at the patent Office, Madras-2. If the Written Statement of Opposition is not filed with the Notice of Opposition, it shall be left within one month from the date of filing the said Notice.

## RENEWAL FEES PAID

150731	150991	151949	152607	154216	154437	154897
155041	155176	155448	155591	155594	155783	156268
156269	156270	156271	156272	156273	156346	156946
157140	157546	157547	157579	157607	157608	157820
157881	158315	158912	159022	159314	159315	159395
159460	159651	159780	159811	159932	159971	159975
160029	160060	160258	160298	160307	160336	160464
160553	160599	160636	160786	161142	161143	161181
161351	161790	161869	161876	162011	162089	162098
162177	162677	163456	163711	163724	164357	164368
164432	164440	164792	164795	165003	165005	165098
165219	165438	165496	165734	165795	165971	166029
166092	166103	166104	166183	166245	166304	166349
166350	166358	166413	166497	166762	166816	167001
167003	167005	167101	167142	167187	167189	167202
167271	167294	167431	167495	167516	167614	167677
167751	167760	167820	167880	167891	167939	167949
167967	168073	168166	168258	168335	168393	168416

168426	168614	168733	168747	168793	168795	168796
168874	169038	169220	169223	169226	169236	169288
169369	169396	169447	169484	169491	169521	169563
169787	169788	169789	169824	169826	169830	170215

## CESSATION OF PATENTS

166306	166311	166373	166389	166390	166391	166422
166446	166448	166449	166459	166460	166480	166511
166520	166521	166569	166570	166571	166584	166589
166597	166602	166613	166619	166636	166664	166670
166672	166683	166690	166713	166730	166743	166747
166756	166759	166789	166808	166810	166835	166874

## RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 168809 dated the 12th April, 1988 made by Philippe Perovitch on the 17th December, 1992 and notified in the Gazette of India, Part III, Section 2 dated the 13th February, 1993 has been allowed and the said patent restored.

## OPPOSITION PROCEEDINGS

An Opposition entered by M/s. Spandrel Establishment to the grant of a Patent on application for Patent No. 165987 made by M/s. CRA Services Limited as advertised in the Gazette of India, Part-III, Section 2 dated 22nd September, 1990 succeeded and the grant of a patent thereon is refused.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of the registration except as provided for in section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration of the designs included in the entry.

Class 3. No. 165182. Electrochem Private Limited of 38, Patel Nagar, Indore-452001, Madhya Pradesh, India. Indian Company. "Mosquito Repellent". January 12, 1993.

Class 3. No. 165203. Padma Industrial Corporation, an Indain Partnership Firm of 41, Nelson Manickam Road, Aminjikarai, Madras-600029, T.N., India. "Water Sprinkler". January 19, 1993.

Class 3. No. 165457. MRF Limited, 124, Greaves Road, Madras-600006, T.N., India, Indian Company. "Precured Rubber Trend". March 23, 1993.

Class 4 Nos. 164961 & 164962. Chakiath Kuruvilla George, Chakith House, Jayakeralam Road, Kuthukuzhi P.O., Kothamangalam-686691, Kerala, India, Indian. "Posts for fencing". November 11, 1992.

R. A. ACHARYA

Controller General of Patents Designs  
& Trade Marks

